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## FORM PTO-1449

## U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) ATTY. DOCKET NO. I-2-0361.1US SERIAL NO. 10/606,716

APPLICANT Rudolf et al.

FILING DATE June 26, 2003 GROUP 2618

|                     |                 | U.S. PATENT  | DOCUMENTS           |       |          |        |        |
|---------------------|-----------------|--------------|---------------------|-------|----------|--------|--------|
| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE         | NAME                | CLASS | SUBCLASS | FILING | DATE   |
| /ZL/                | 6,285,880       | 09/2001      | Gagnon et al.       |       |          |        |        |
| 1                   | 6,381,458       | 04/2002      | Frodigh et al.      |       |          |        |        |
|                     | 6,389,265       | 05/2002      | Jeschke et al.      | 1     |          |        |        |
| 11-                 | 6,456,826       | 09/2002      | Toskala et al.      |       |          |        |        |
|                     | 6,618,589       | 09/2003      | Rune et al.         |       |          |        |        |
|                     | 6,650,905       | 11/2003      | Toskala et al.      |       |          |        |        |
|                     | 2001/0034254    | 10/2001      | Ranta               |       |          |        |        |
|                     | 2001/0036823    | 11/2001      | Van Lieshout et al. |       |          |        |        |
|                     | 2002/0025820    | 02/2002      | Fauconnier et al.   |       |          |        |        |
|                     | 2002/0051431    | 05/2002      | Choi et al.         |       |          |        |        |
|                     | 2002/0094833    | 07/2002      | Lieshout et al.     |       |          |        |        |
|                     | 2003/0016641    | 01/2003      | Terry et al.        |       |          |        |        |
| V                   | 2003/0034254    | 01/2003      | Terry et al.        |       |          |        |        |
|                     |                 | FOREIGN PATE | NT DOCUMENTS        |       |          |        |        |
| EXAMINER<br>INTIAL  |                 |              |                     |       |          | TRAN   | SLATIO |
| INITIOG.            | DOCUMENT NUMBER | DATE         | COUNTRY             | CLASS | SUBCLASS | YES    | NC     |
| /ZL/                | 1372779 A       | 10/2002      | CN                  |       |          | Х**    |        |
| /ZL/                | 1395770 A       | 02/2003      | CN                  |       |          | х••    |        |
|                     | 2003003770      | 12/2004      |                     | _     |          | ×      |        |
|                     | 2004102020      | 4/2005       | RY                  |       |          | ×      |        |
|                     | 2000106560      | 11/2003      | RU                  |       |          | Y.     |        |
|                     | 2002129896      | 3/2004       | RU                  |       |          | Υ      |        |
| /ZL/ ·              | 2003113778      | 12/2004      | RU                  |       |          | X**    |        |
|                     | 2004118055      | 12/2005      | PUI                 |       |          | Y.     |        |
| /ZL/                | 02/056612       | 07/2002      | wo                  |       |          |        |        |
| EXAMINER            |                 |              | ONSIDERE            | :D    |          |        |        |
| /Zhiyu Lu/          |                 |              | 01/30/2             | 2009  |          |        |        |

| FORM PTO-1449  | ATTY. DOCKET NO.<br>I-2-0361.1US | SERIAL NO.<br>10/606,716 |
|--|----------------------------------|--------------------------|
| U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |                                  | ICANT<br>If et al.       |
| INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT           | FILING DATE<br>June 26, 2003     | GROUP<br>2618            |
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|                     |                 |         |         |       |          | _    |         |
|---------------------|-----------------|---------|---------|-------|----------|------|---------|
| EXAMINER<br>INITIAL |                 |         |         |       |          | TRAN | SLATION |
| INITIAL             | DOCUMENT NUMBER | DATE    | COUNTRY | CLASS | SUBCLASS | YES  | NO      |
| ZL                  | 02/43282        | 05/2002 | WO      |       |          |      |         |

## OTHER DOCUMENTS

| EXAMINER<br>INITIAL |   | DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)  |
|---------------------|---|---|
| /ZL/                |   | *Third Generation Partnership Project; Technical Specification Group Radio Access Network; UE Positioning in UTRAN Lub/Lur Protocol Aspects,* 3GPP TR 25.850 V4.1.0, June 2001, Release 4.  |
| /ZL/                |   | 3 <sup>st</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; UTRAN I <sub>u</sub> Interface<br>General Aspects And Principles (Release 5), 3GPP TS 25.420 V5.1.0 (2002-09)                 |
| /ZL/                |   | 3 <sup>st</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; UTRAN I <sub>st</sub> Interface<br>General Aspects And Principles (Release 4), 3GPP TS 25.420 V4.0.0 (2001-03)                |
| /ZL                 |   | Universal Mobile Telecommunications Systems (UMTS): UTRAN I <sub>w</sub> Interface Radio Network Subsystem<br>Application Part (RNSAP) Signalling (3GPP TS 25.423 version 5.6.0 Release 5) ETSI TS 125 423 V.6.0<br>(2003-06)     |
| /ZL/                |   | Universal Mobile Telecommunications Systems (UMTS); UTRAN I <sub>ur</sub> Interface RNSAP Signalling (3GPP TS 25.423 version 4.2.0 Release 4), ETSI TS 125 423 V4.2.0 (2001-09)   |
| /ZL/                |   | 3GPP, "3 <sup>st</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; UTRAN I <sub>st</sub><br>Interface General Aspects And Principles (Release 1999)," 3GPP TS 25.420 V3.5.0 (March 2002). |
| /ZL/                | * | 3GPP, "3 <sup>d</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; UTRAN I <sub>ur</sub><br>Interface General Aspects And Principles (Release 5), "3GPP TS 25.420 V5.0.0 (March 2002).     |
| /ZL/                |   | 3GPP, "3 <sup>st</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; UTRAN I <sub>str</sub><br>Interface General Aspects And Principles (Release 4), "3GPP TS 25.420 V4.2.0 (March 2002).   |
| /ZL                 |   | 3GPP, "Third Generation Partnership Project, Technical Specification Group Radio Access Network; UTRAN lub Interface NBAP Signalling (Release 1999)," 3GPP TS 25.433 v3.9.0 (March 2002).   |

| EXAMINER   | DATE CONSIDERED |
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| /Zhiyu Lu/ | 01/30/2009      |

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| FORM PTO-1449  | ATTY. DOCKET NO. SERIAL NO. 1-2-0361.1US 10/606,716 |               |  |
|--|---|---------------|--|
| U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | APPLICANT<br>Rudolf et al.                          |               |  |
| INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT           | FILING DATE<br>June 26, 2003                        | GROUP<br>2618 |  |
| (Use several sheets if necessary)                          |   |               |  |

| EXAMINER<br>INITIAL |   | DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)   |
|---------------------|---|--|
|                     |   | 3GPP, "Third Generation Partnership Project; Technical Specification Group Radio Access Network; UTRAN   |
|                     |   | lub Interface NBAP Signalling (Release 4)," 3GPP TS 25.433 v4.9.0 (June 2003).   |
| /ZL/                |   | 3GPP, "Third Generation Partnership Project; Technical Specification Group Radio Access Network; UTRAN lub Interface NBAP Signalling (Release 1999)," 3GPP TS 25.433 v3.13.0 (March 2003).                           |
| /ZL/                | • | 3GPP, "Third Generation Partnership Project; Technical Specification Group Radio Access Network; UTRAN lub Interface NBAP Signalling (Release 5)," 3GPP TS 25.433 v5.00 (March 2002).                                |
| /ZL/                | • | 3GPP, "Third Generation Partnership Project; Technical Specification Group Radio Access Network; UTRAN lub Interface NBAP Signalling (Release 5)," 3GPP TS 25.433 vs.5.0 (June 2003).                                |
| /ZL/                |   | 3GPP, "3" Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 1999)," 3GPP TS 25.331 V3.11.0 (June 2002).              |
| /ZL/                |   | 3GPP, "5 <sup>st</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 1999)," 3GPP TS 25.331 V3.15.0 (June 2003). |
| /ZL/                |   | 3GPP,"3 <sup>st</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio<br>Resource Control (RRC); Protocol Specification (Release 4), "3GPP TS 25.331 V4.5.0 (June 2002).   |
| /ZL/                | • | 3GPP, "3" Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 4)," 3GPP TS 25.331 V4.10.0 (June 2003).                 |
| /ZL/                |   | 3GPP, "5" Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 5), "3GPP TS 25.331 V5.1.0 (June 2002).                  |
| /ZL/                | ٠ | 3GPP, "5" Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 5), "3GPP TS 25.331 V5.5.0 (June 2003).                  |
| /ZL/                |   | 3GPP, "3" Generation Partnership Project, Technical Specification Group Radio Access Network; UTRAN lur interface RNSAP signaling (Release 1999)," 3GPP TS 25.423 V3 9.0 (March 2002).                               |
| /ZL/                |   | 3GPP, "3" Generation Partnership Project; Technical Specification Group Radio Access Network; UTRAN lur interface RNSAP signaling (Release 1999)," 3GPP TS 25.423 V3.13.0 (March 2003).                              |

| EXAMINER     | DATE CONSIDERED |
|--------------|-----------------|
| /Zhivu Lu/   | 01/30/2009      |
| /Z.IIIyu Lu/ | 01/00/2000      |

## ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /ZL/

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| FORM PTO-1449                     | ATTY. DOCKET NO. SERIAL NO. 1-2-0361.1US 10/606,716 |       |  |
|-----------------------------------|---|-------|--|
| U.S. DEPARTMENT OF COMMERCE       | APPLICANT   |       |  |
| PATENT AND TRADEMARK OFFICE       | Rudolf et al.                                       |       |  |
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| (Use several sheets if necessary) |   |       |  |

| EXAMINER<br>INITIAL |   | DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)   |
|---------------------|---|--|
| /ZL/                | ٠ | 3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; UTRAN lur interface RNSAP signaling (Release 4)," 3GPP TS 25.423 V4.4.0 (March 2002).                 |
| /ZL/                | ٠ | 3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; UTRAN lur interface RNSAP signaling (Release 4)," 3GPP TS 25.423 V4.9.0 (June 2003).                  |
| /ZL/                | ٠ | 3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; UTRAN lur interface RNSAP signaling (Release 5)," 3GPP TS 25.423 V5.0.0 (March 2002).                 |
| /ZL/                | • | 3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; UTRAN lur<br>interface RNSAP signaling (Release 5)," 3GPP TS 25.423 V5.6.0 (June 2003).   |
| /ZL/                | ٠ | 3GPP, '3rd Generation Partnership Project; Technical Specification Group Radio Access Network; UE Positioning in UTRAN Lub/Lur Protocol Aspects (Release 4), "3GPP TR 25.850 V4.3.0 (December 2001). |
|                     |   | "Third Generation Partnership Project; ETSI TS 125 433 v4.4.0 (2003-03), Technical Specification, Universal  |
|                     |   | Mobile Telecommunications System (UMTS); UTRAN lub Interface NBAP Signalling* (3GPP TS 25.433 v4.4.0 Release 4)  |

<sup>\*\*</sup>Abstract only

<sup>&</sup>lt;sup>1</sup>Corresponds to US 2003/0114181